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2403-63  
COPY 8 of 9

18 March 1963

MEMORANDUM FOR : The Record

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SUBJECT : MERCANT Engine and Main Fuel Control Deliveries

REFERENCE : [ ] 2167-63, dated 29 January 1963 titled  
"MERCANT Engine Delivery Status"

1. Seventeen engines have been delivered of which fourteen are available for flight operation.

2. Five additional engines are scheduled for delivery by 31 March. Because of pending main fuel controls, only two of these five engines can be delivered providing controls are delivered according to latest processes.

3. Engines # 218, # 219, and # 220 are ready for final test but short controls. Engine # 218 has been waiting at final test for a control since 24 February.

4. The cause of the control delivery problem appears to be the inability to define and resolve control functional and test facility instrumentation problems arising during acceptance test in the face of increased hardware flow and a general tightening of acceptable accuracy limits. This inability reflects a failure to properly plan for and step up to the increased level of activity required in combination with the increased level of accuracy desired in order to support the engine delivery program. As indicated in paragraph 5 of reference memorandum, Hamilton-Standard has been aware of the increased level of test activity requirement since on or before 24 January 1963.

SIGNED

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[ ]  
Development Division  
CSA-ID/R

CC: AFICG-S  
ED/OSA [ ] rel  
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Handle v [ ]  
Control System